

spurs wave glider update january 2013

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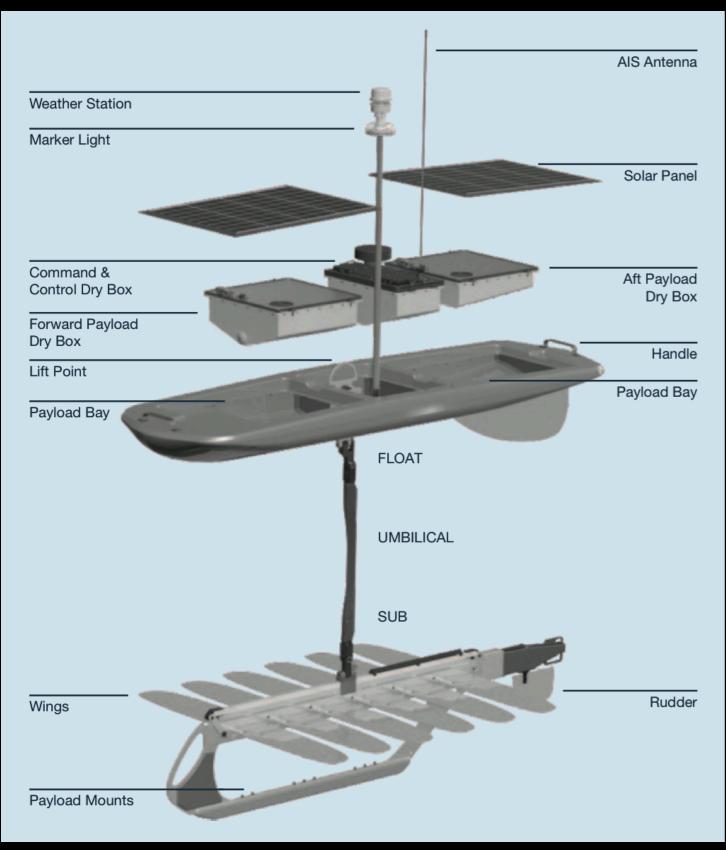




questions

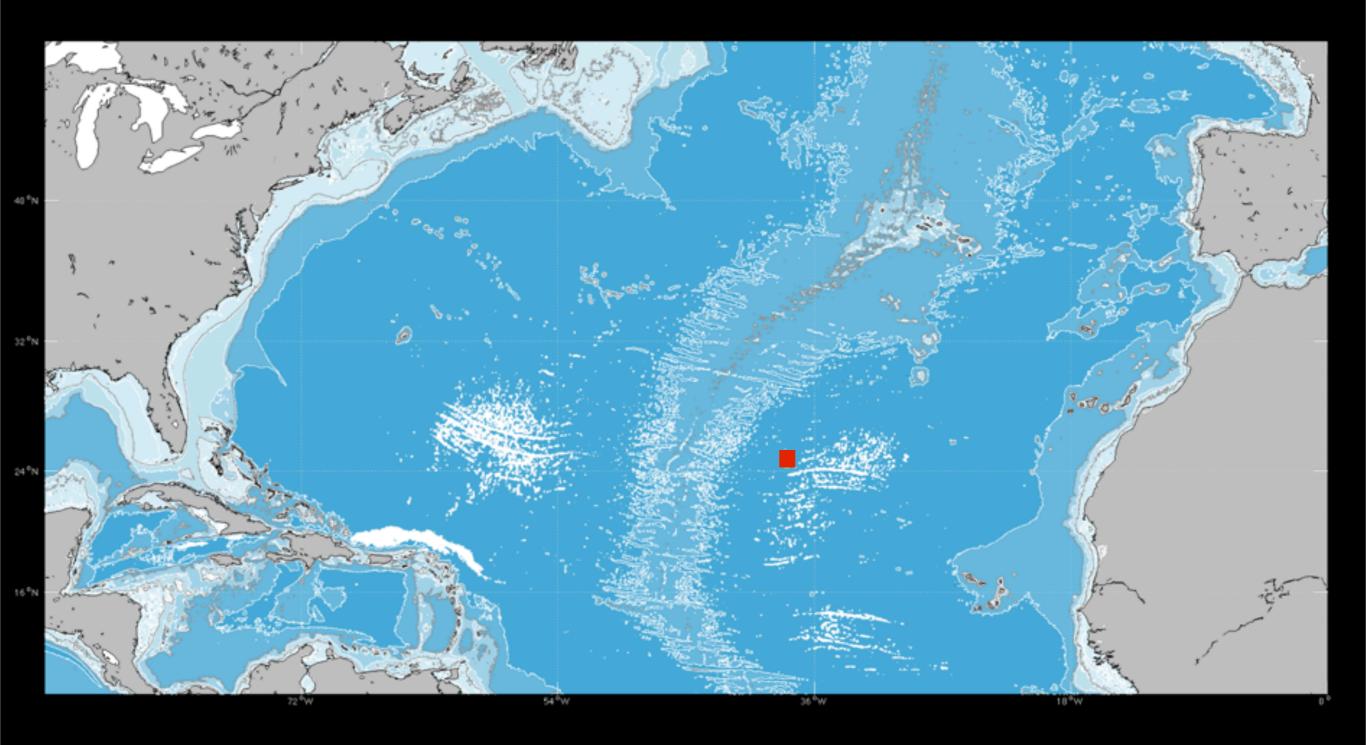
- What is the character of the upper-ocean salinity field at the limits of our present observational capabilities?
- How does variability on these scales contribute to and/or reflect the processes responsible for surface salinity patterns?
- To what extent is atmosphere-ocean interaction (and by extension, the hydrological cycle and the climate system) sensitive to the detailed structure of upper-ocean salinity and temperature?

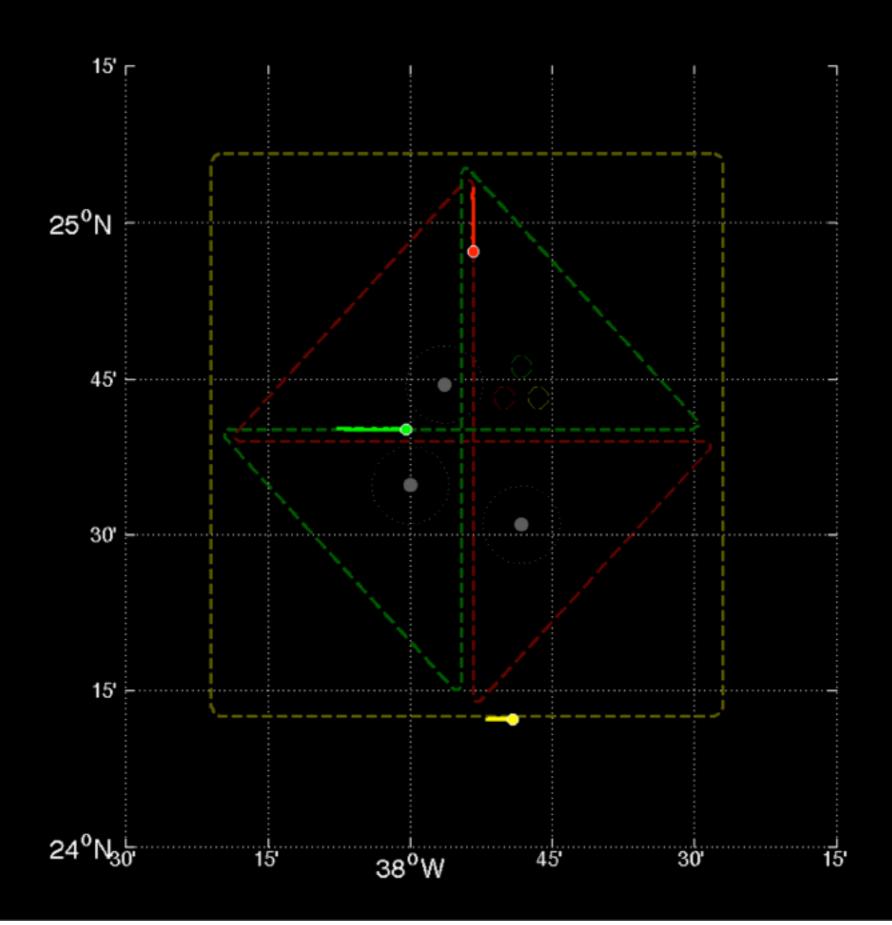
wave glider



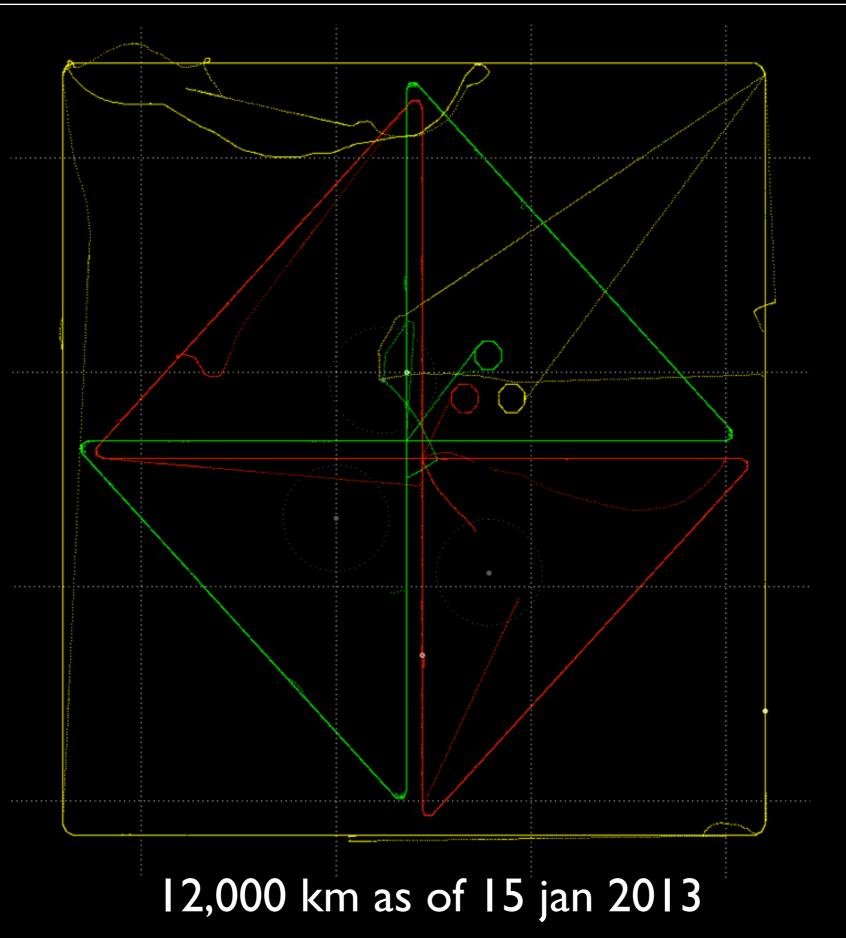


spurs experiment site

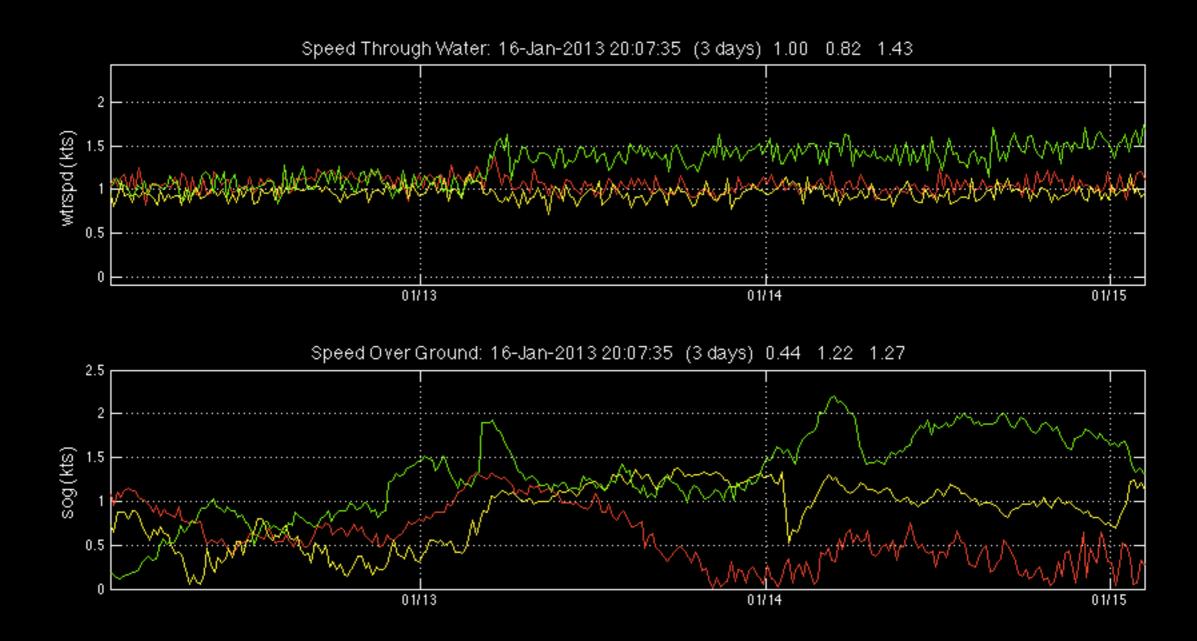


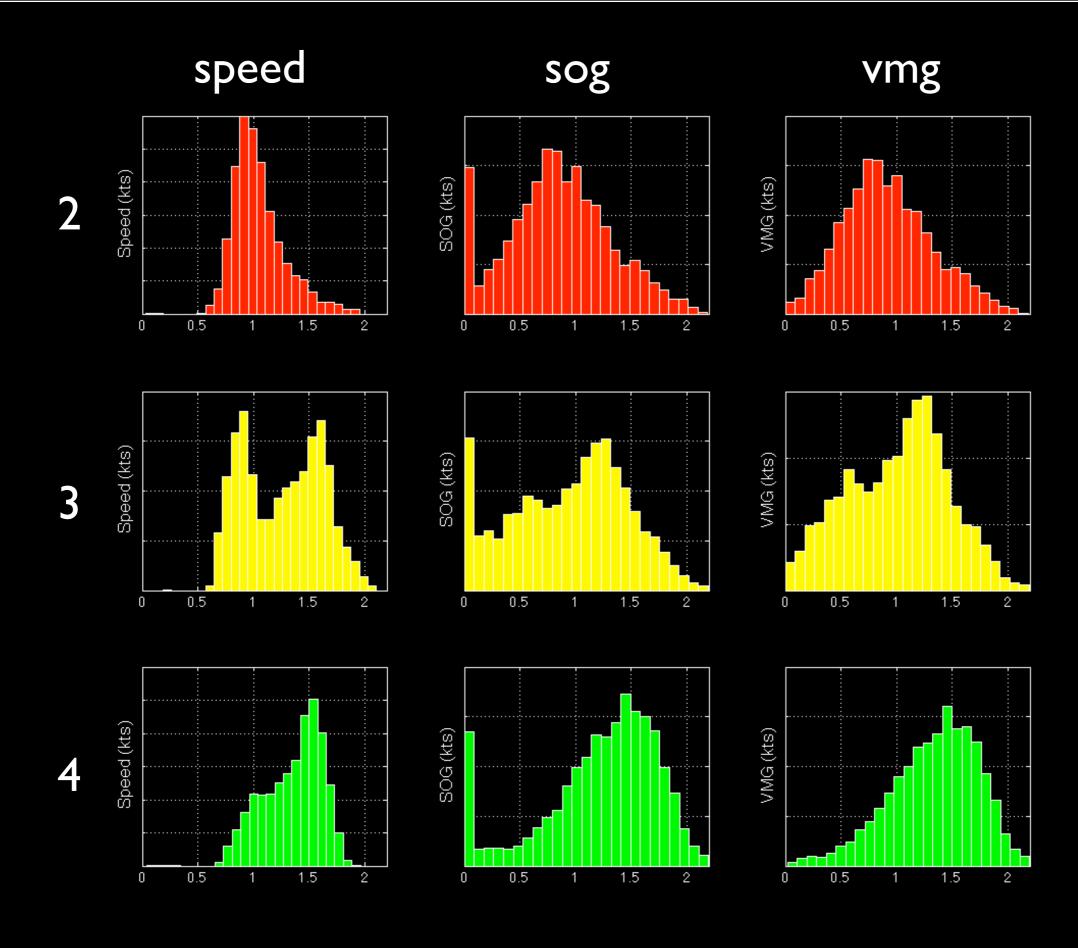


spurs wave glider survey performance



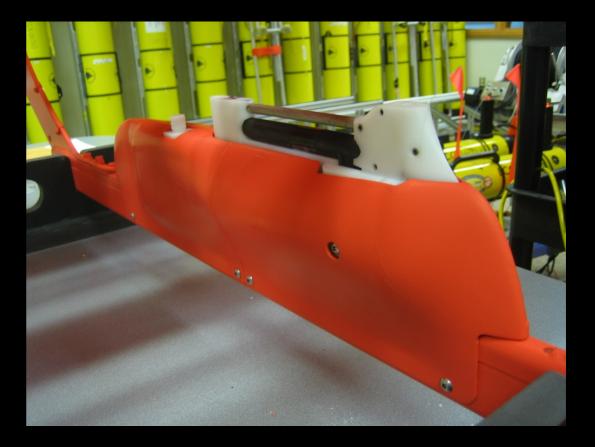
wave glider performance



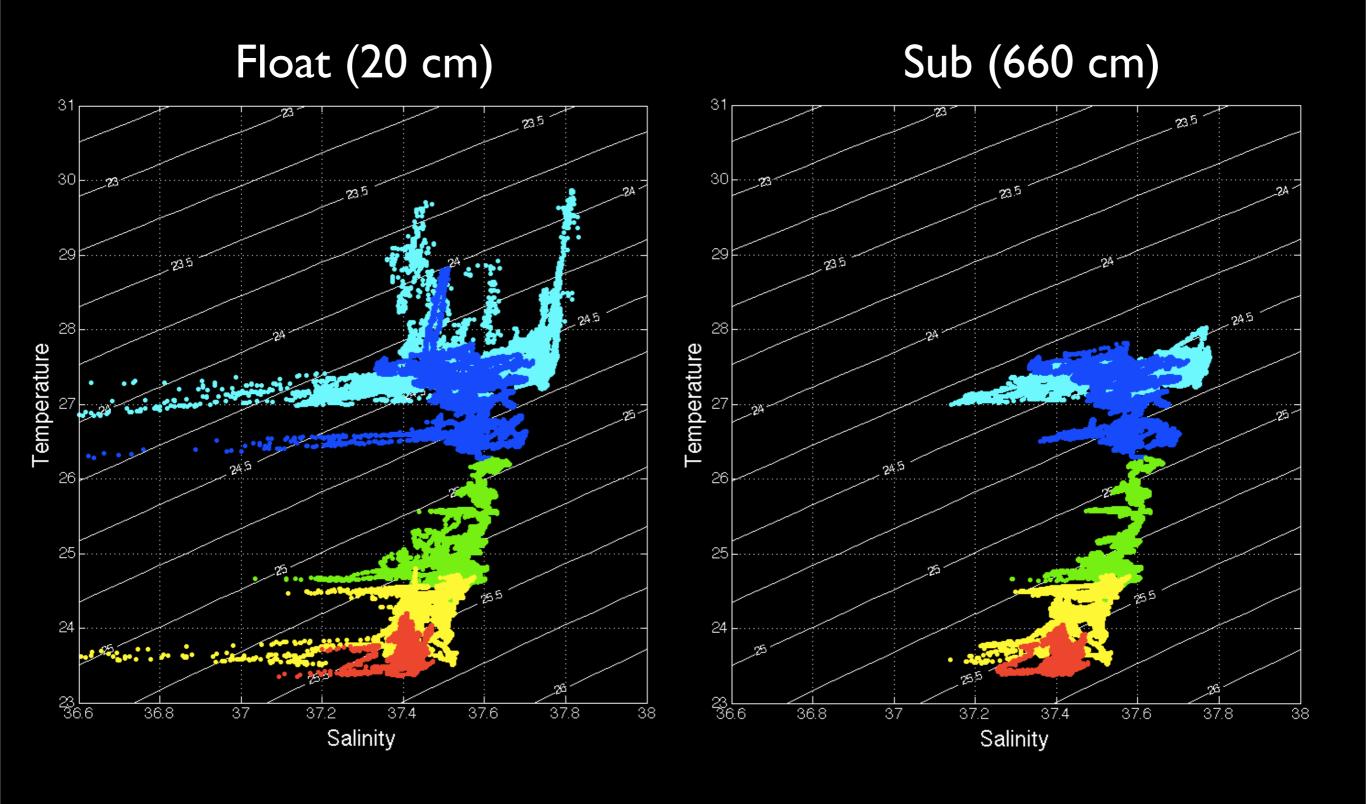


sensors

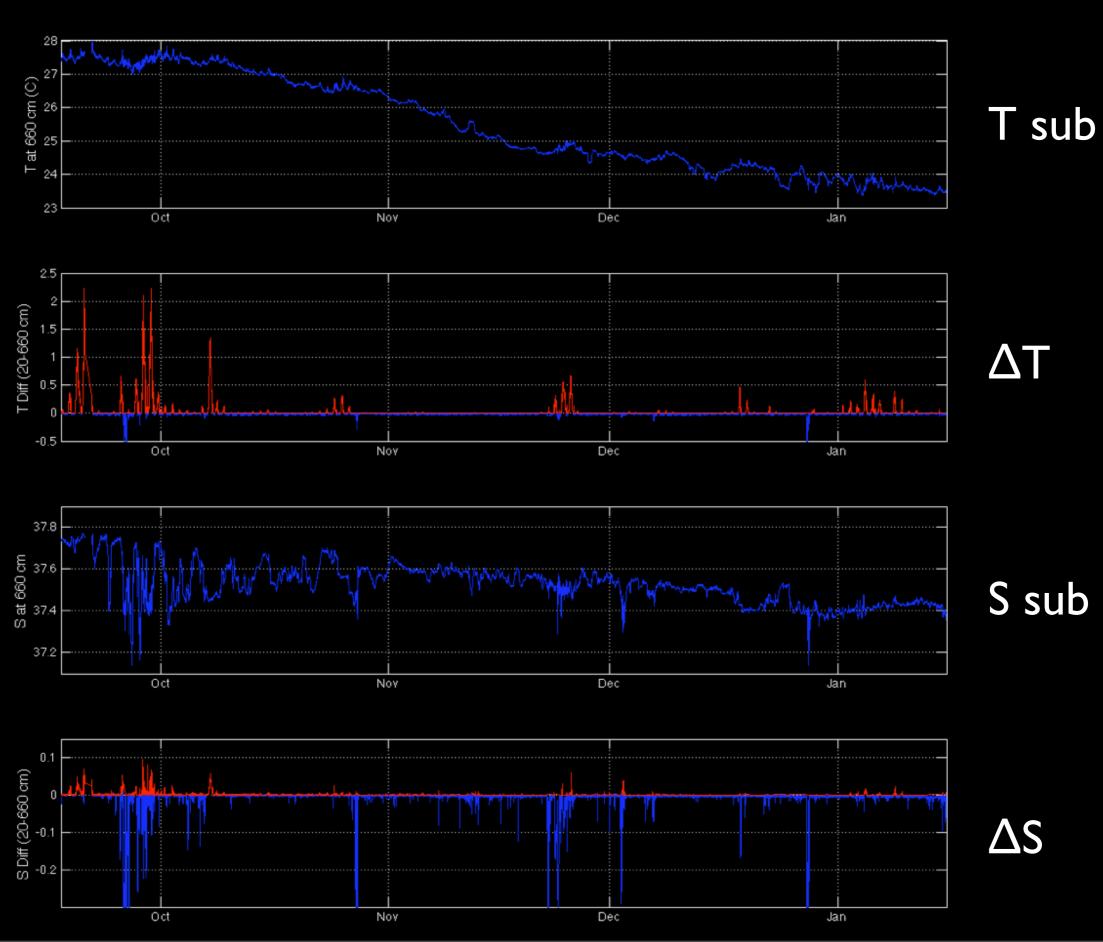




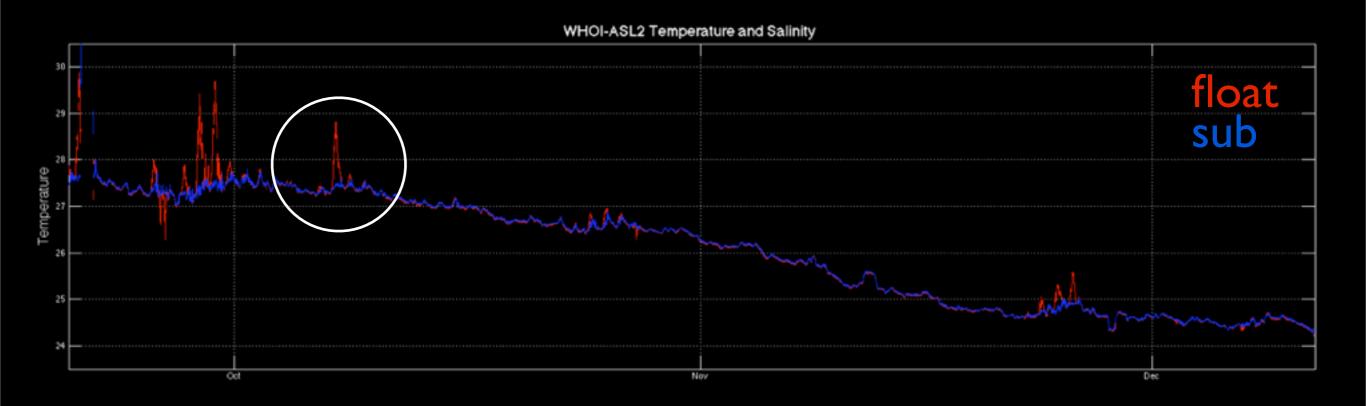


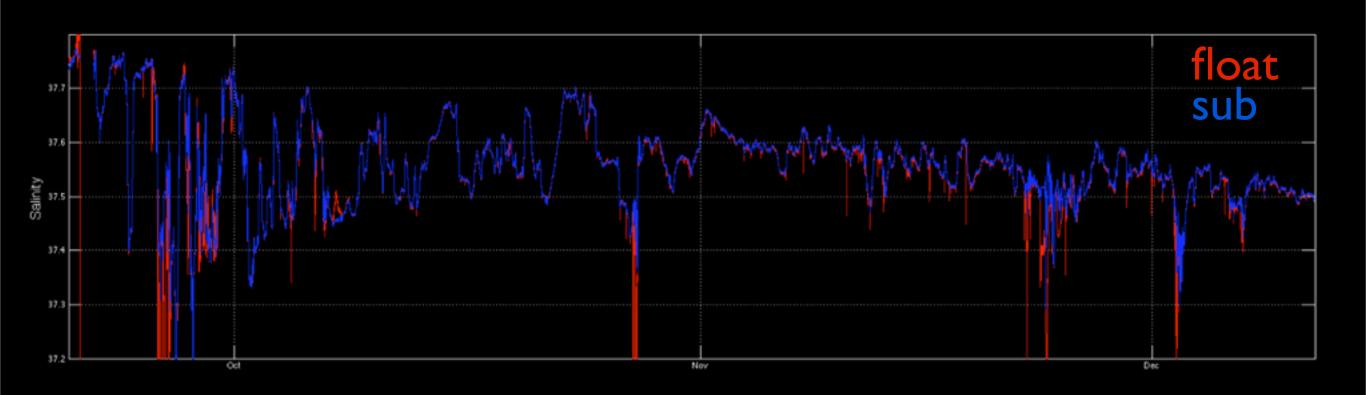


record-length T and S

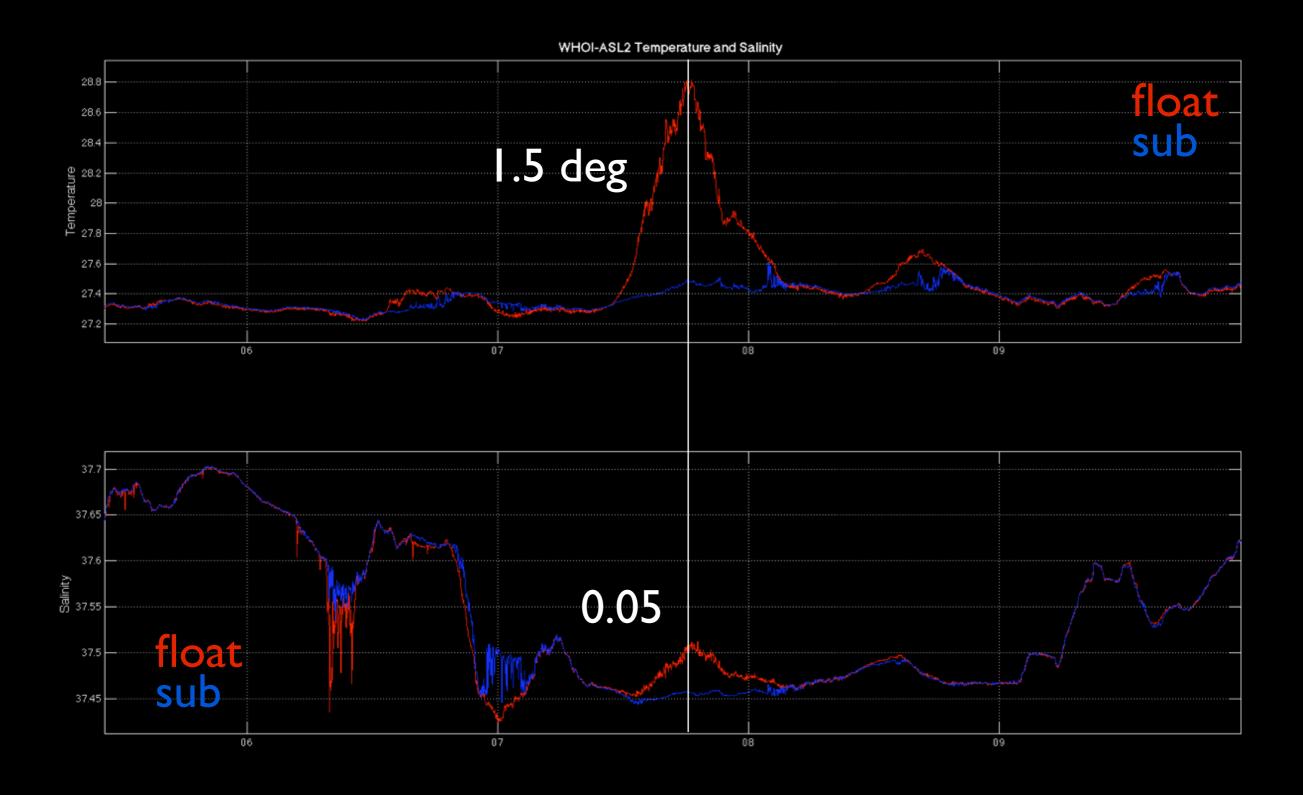


diurnal stratification



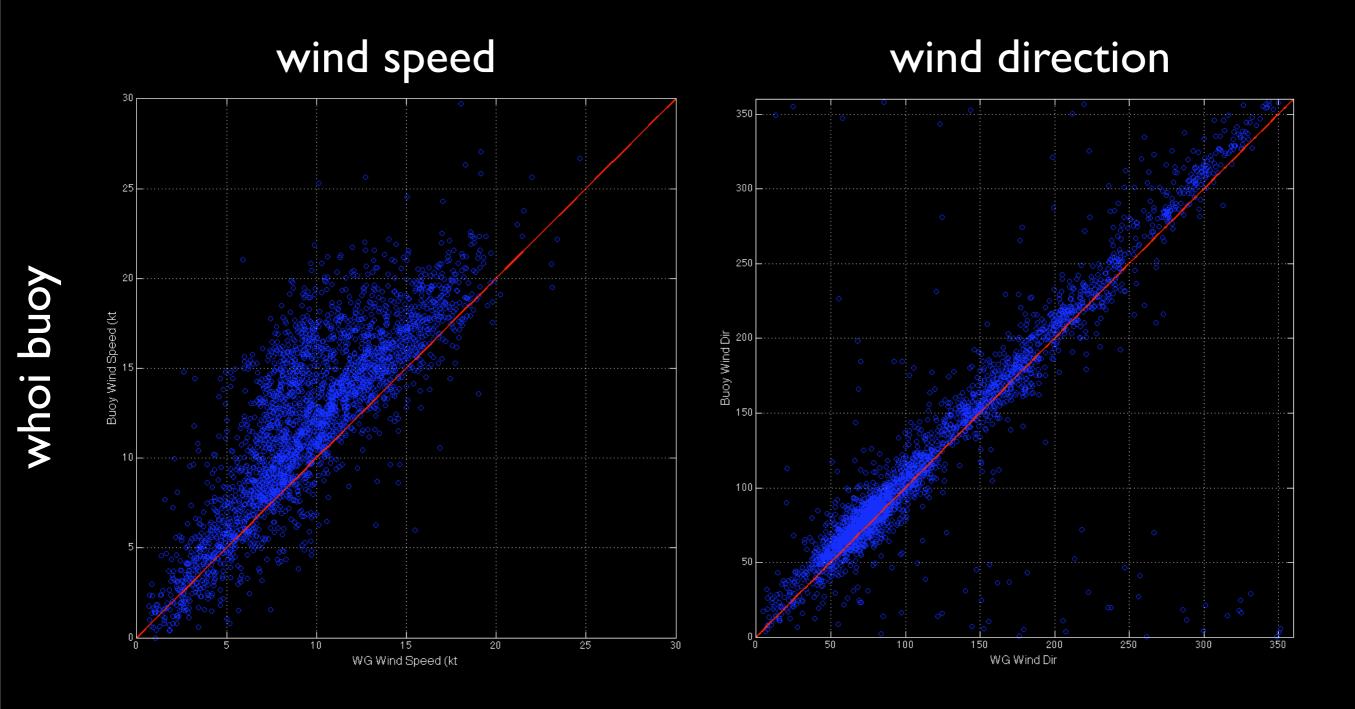


diurnal stratification

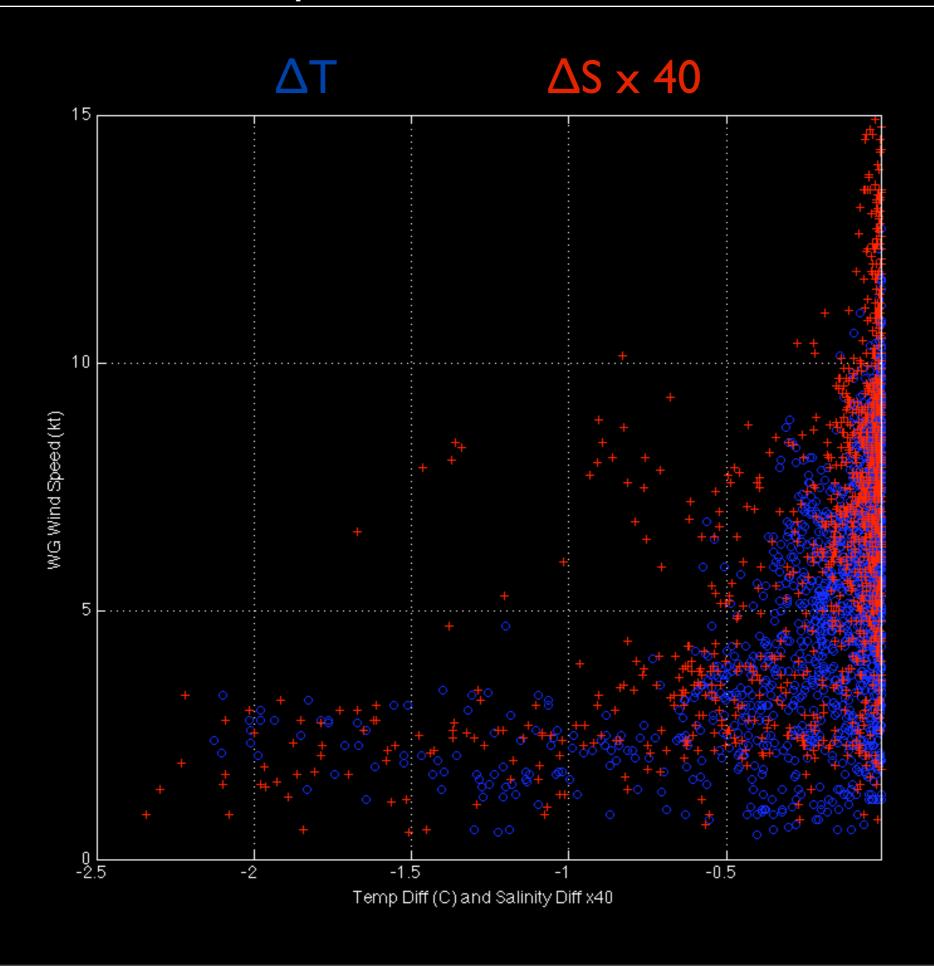




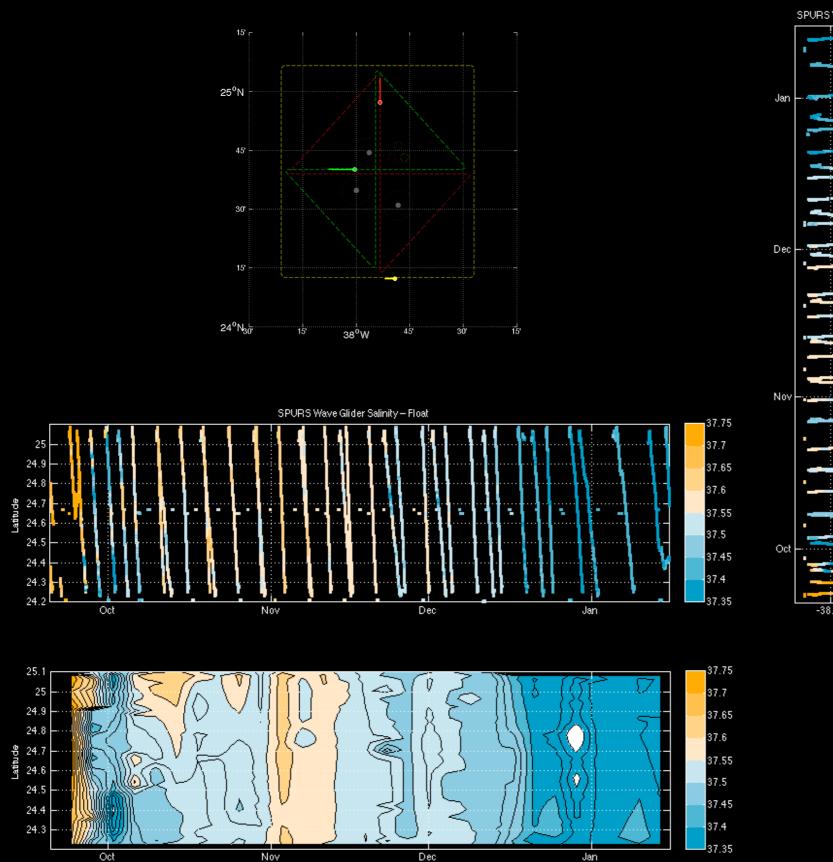
Thursday, January 17, 13

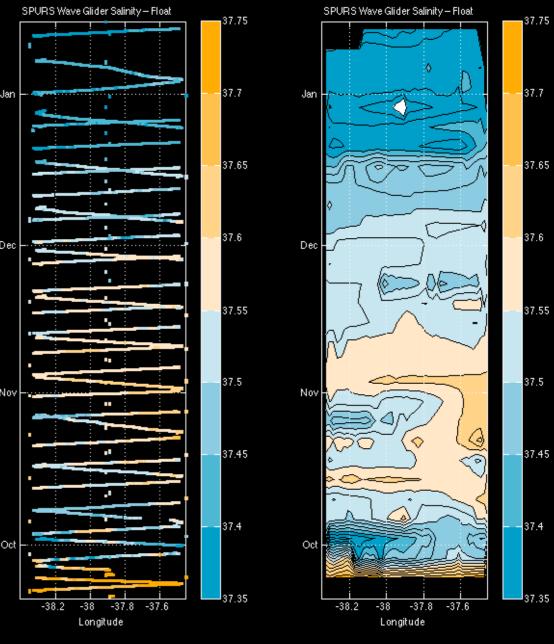


wave glider

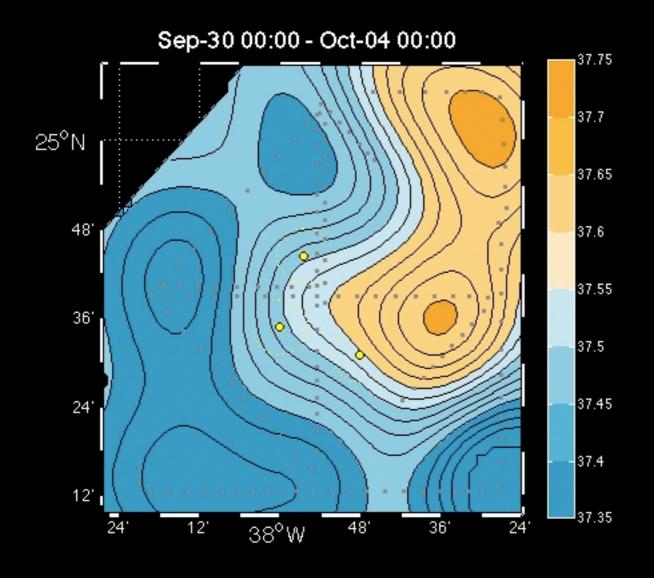


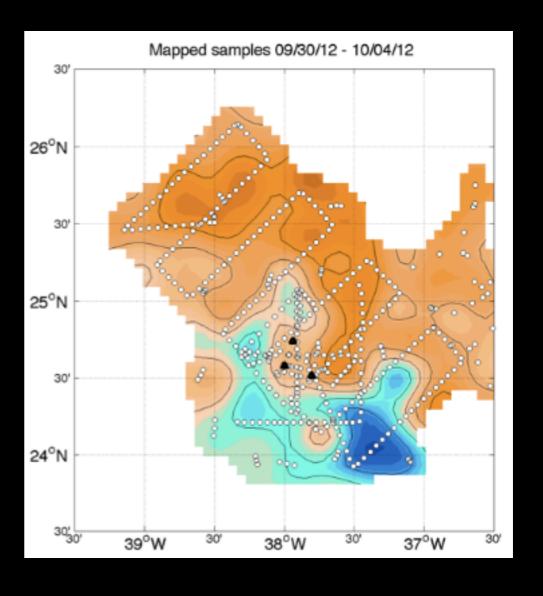
repeat sections of surface salinity



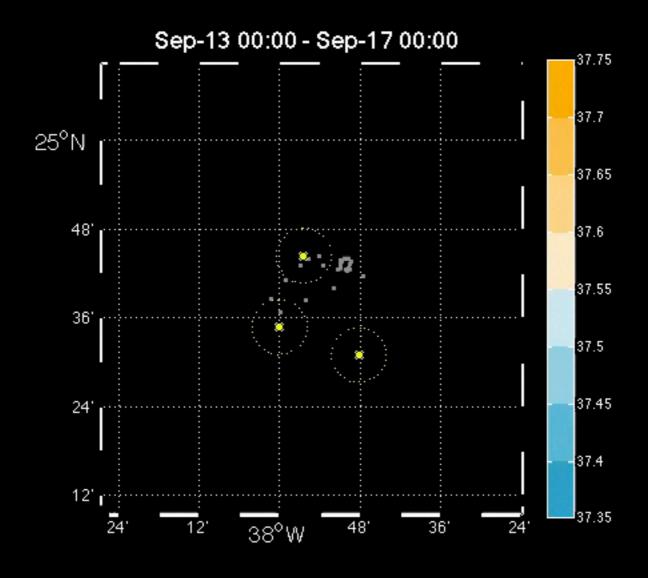


mesoscale mapping of surface salinity





mesoscale mapping of surface salinity

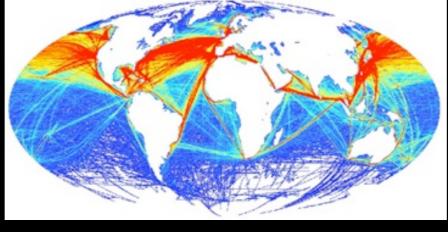


issues and outlook









- I. umbilical twists
- 2. met masts
 - a. breakage
 - b. light failures
- 3. biofouling?
- 4. traffic avoidance
- 5. data throttling
- 6. general maintenance
- 7. upgrades

traffic in last 30 days





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